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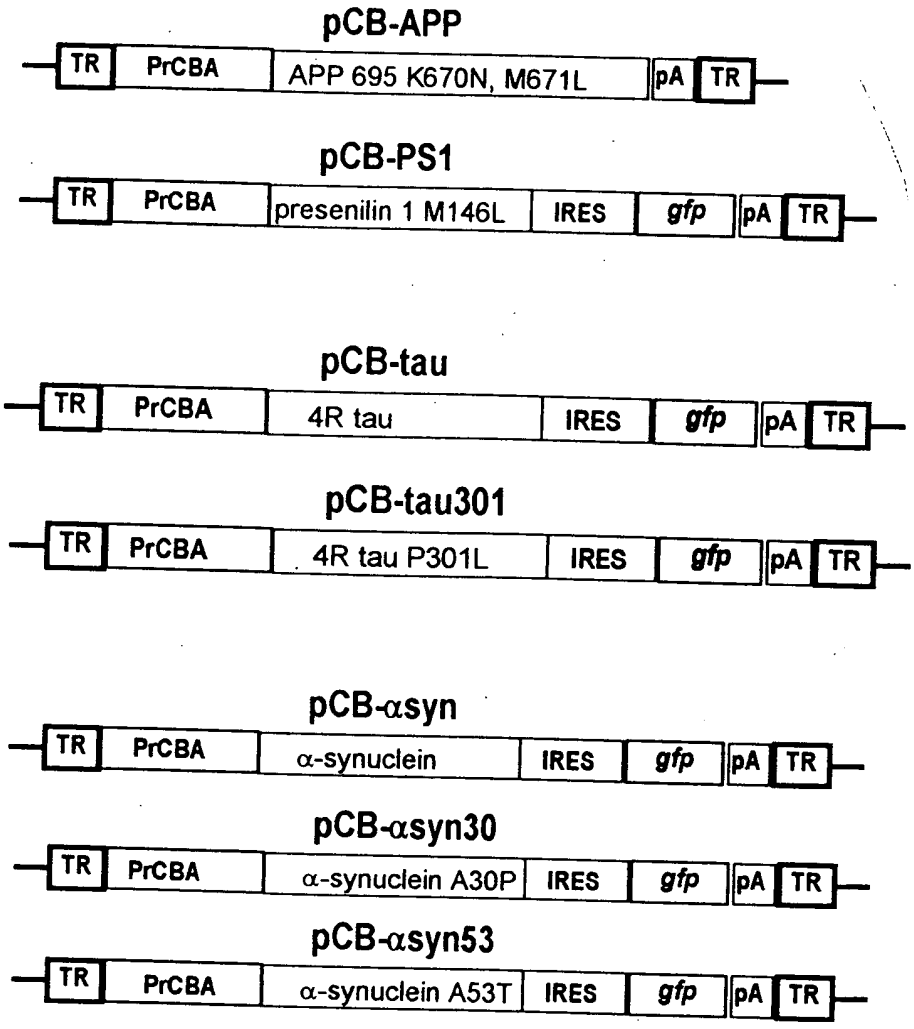

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FIGURE. 1. DNA Constructs used in this application. The schematic diagrams represent the expression cassettes which are packaged into the recombinant adeno-associated virus (AAV) vectors. Abbreviations: TR, AAV terminal repeats; PrCBA, cytomegalovirus/chicken beta-actin hybrid promoter; IRES, internal ribosome entry sequence which allows for bicistronic expression of two transgenes; gfp, green fluorescent protein; pA, poly adenylation sequence. Human DNA sequences to model neurodegenerative diseases: APP, amyloid precursor protein mutant form linked to Alzheimer's disease; presenilin 1 mutant form linked to Alzheimer's disease; tau wild type and mutant form linked to fronto-temporal dementia with parkinsonism linked to chromosome 17; alpha-synuclein wild type and mutant forms linked to Parkinson's disease.

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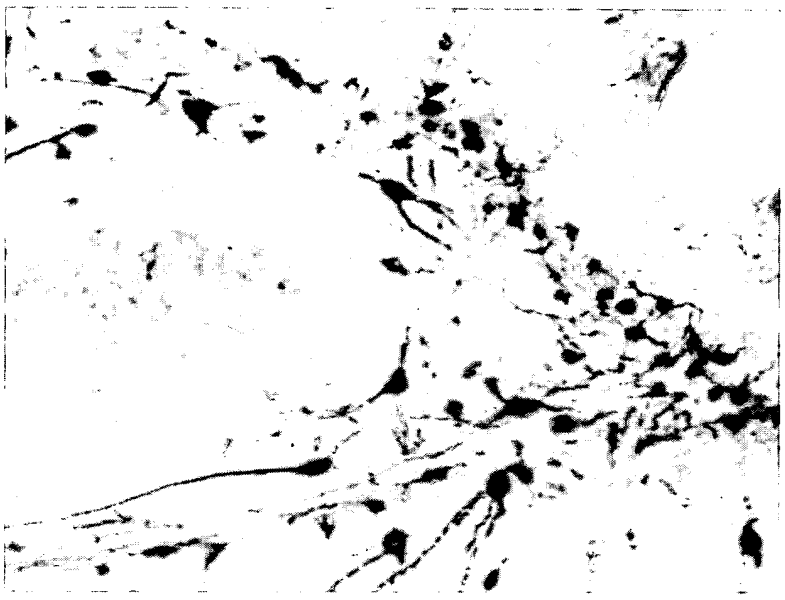

Figure 2A

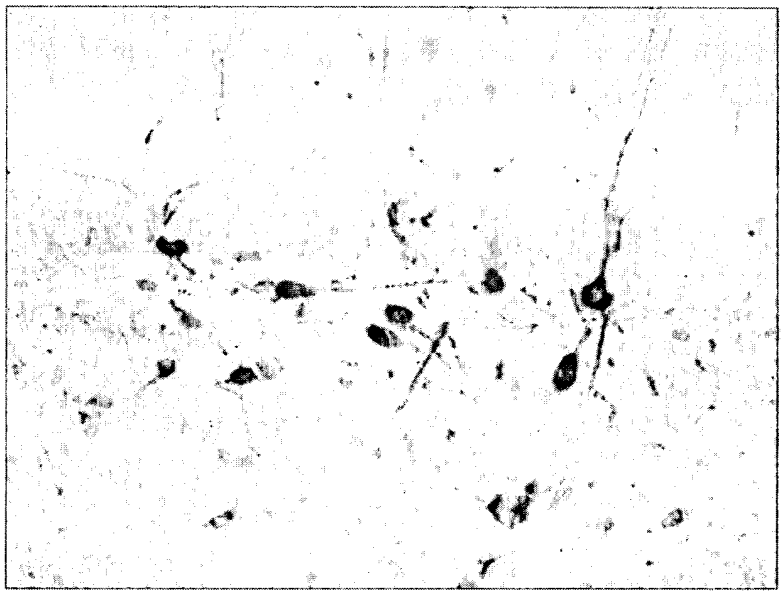

Figure 2B

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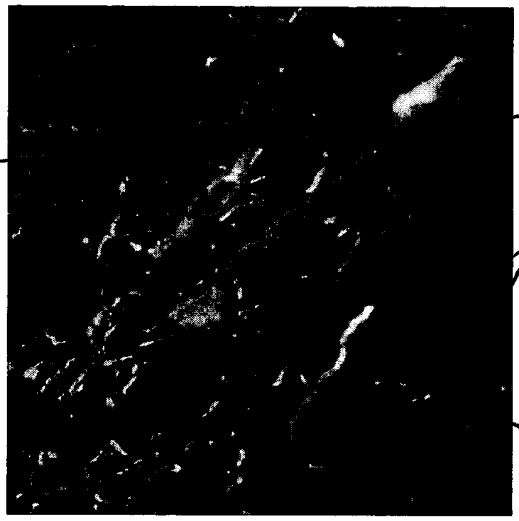

Figure 3A

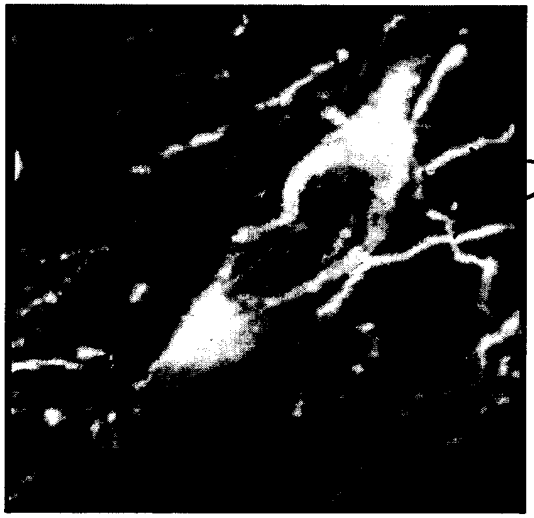

Figure 3B

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Figure 3C

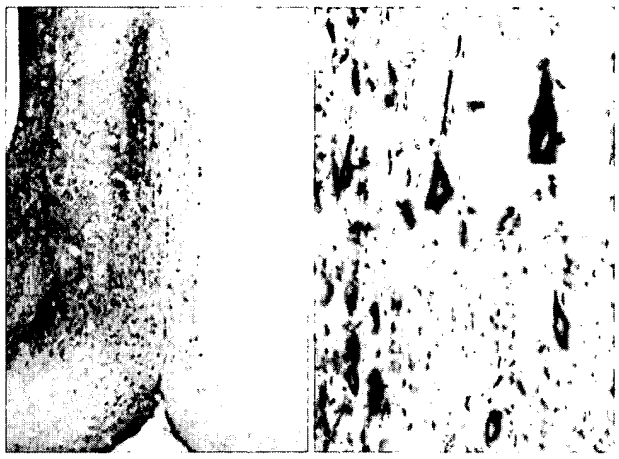


Figure 3D

Figure 3E

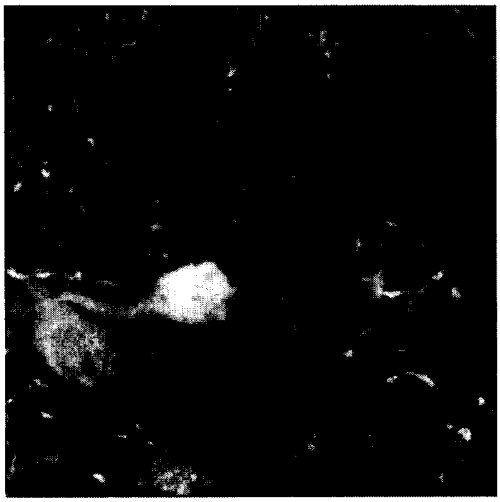


Figure 3F

Figure 3G

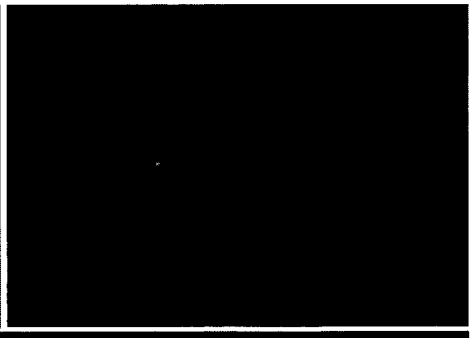
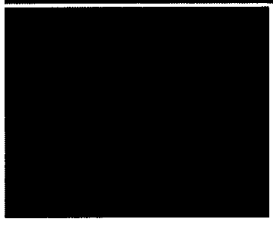
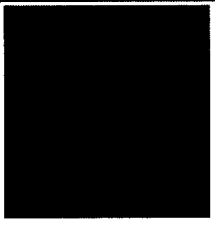


Figure 3H





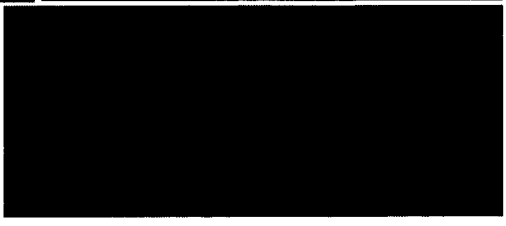


Figure 3I Figure 3J Figure 3K

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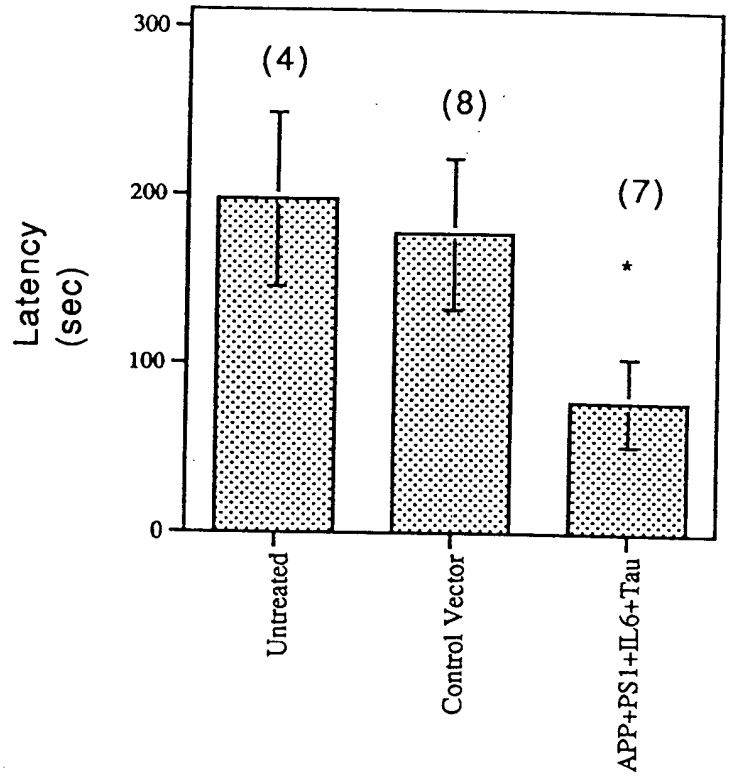

FIGURE 4

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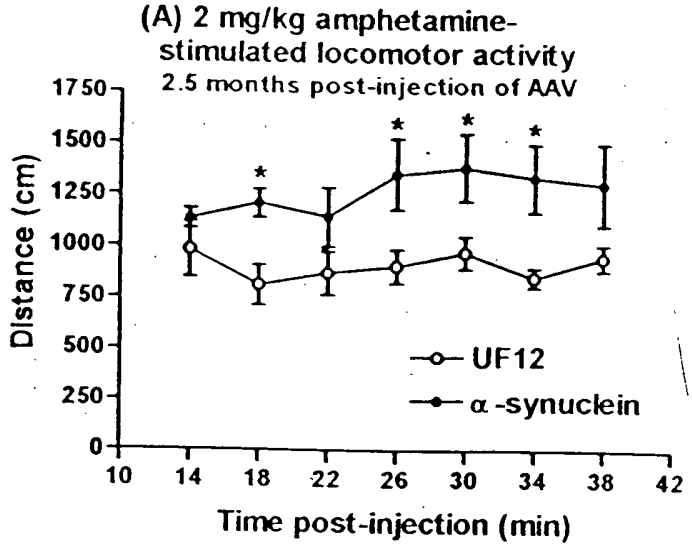

FIGURE 5A

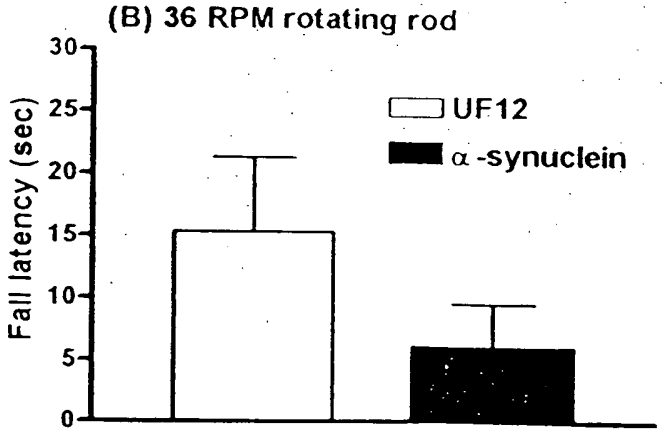

FIGURE 5B

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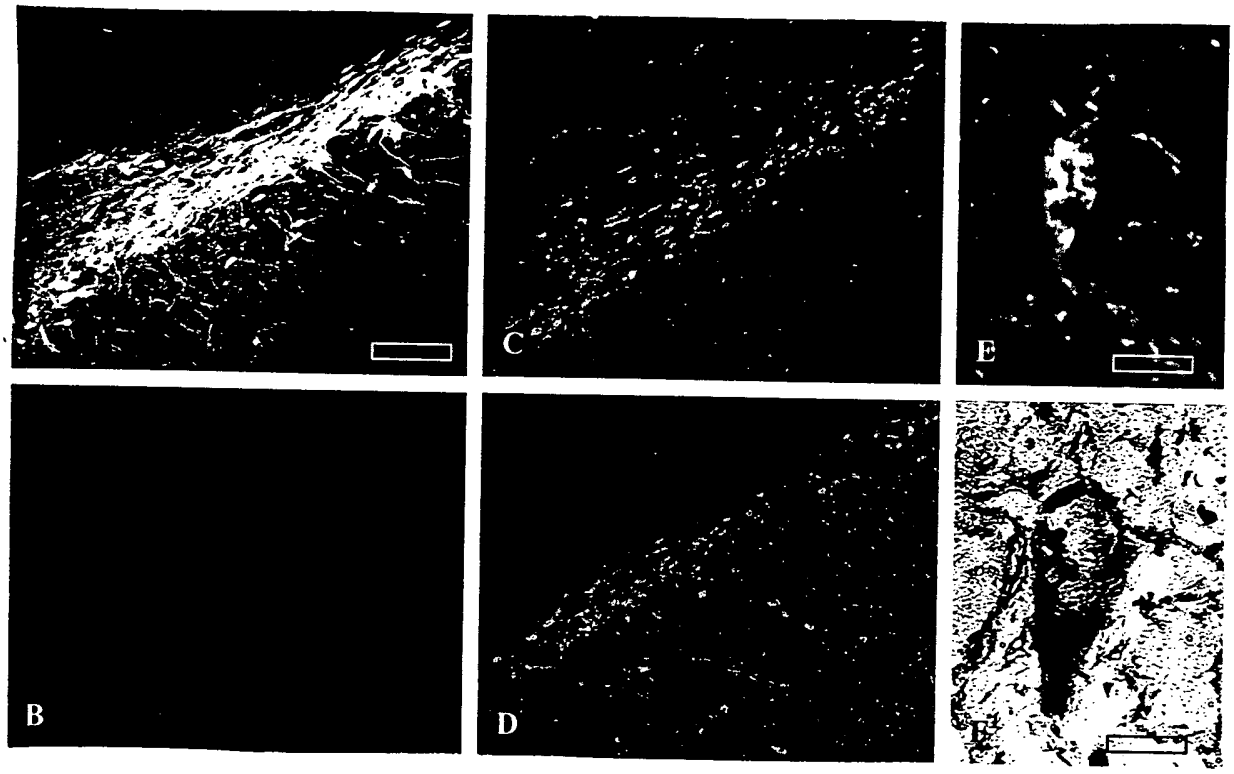

FIGURE 6

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